



Attorney's Docket No. 5489P010

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Wayne V. Sorin, et al.

Application No.: 10/040,526

Filed: December 28, 2001

For: ACOUSTO-OPTIC TUNABLE  
APPARATUS HAVING A FIBER  
BRAGG GRATING AND AN  
OFFSET CORE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Examiner: Wong, Eric K.

Art Unit: 2874

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on October 6, 2003  
Date of Deposit  
Deborah A. McGovern  
Name of Person Mailing Correspondence  
DMCGOV 10-6-03  
Signature Date

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together  
with copies of the documents cited on that form. It is respectfully requested that the  
cited documents be considered and that the enclosed copy of Information Disclosure  
Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and  
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Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure  
Statement is not to be construed as a representation that a search has been made and is  
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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being

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Application No. : 10/040,526

- 1 -

Docket No.: 5489P010

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submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

\_\_\_\_\_ 37 C.F.R. §1.97(b).

  X   37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

\_\_\_\_\_ A statement pursuant to 37 C.F.R. §1.97(e) or

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- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10-6-02



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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

|                        |                |
|------------------------|----------------|
| Application Number     | 10/040,526     |
| Filing Date            | 12/28/2001     |
| First Named Inventor:  | Wayne V. Sorin |
| Group Art Unit         | 2874           |
| Examiner Name          | Wong Eric K.   |
| Attorney Docket Number | 5489P010       |

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| <b>Sheet</b> | <b>1</b> | <b>of</b> | <b>2</b> |
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Examiner  
Signature

Date Considered

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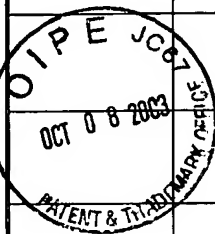
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|       |   |    |   | Application Number     | 10/040,526     |
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|       |   |    |   | Group Art Unit         | 2874           |
|       |   |    |   | Examiner Name          | Wong, Eric K.  |
| Sheet | 2 | of | 2 | Attorney Docket Number | 5489P010       |

**OTHER ART - NO PATENT LITERATURE DOCUMENTS**

| Examiner Initials*   | Cite No <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T <sup>2</sup> |
|--|----------------------|--|----------------|
|  |                      | PCT/US 02/41211, International Search Report, International Filing Date 12-20-2002, pp. 3 pgs total.   |                |
|  |                      | WEN-FUNG LIU et al., "Acoustic-induced switching of the reflection wavelength in a fiber Bragg grating", 2000 Optical Society of America, Optics Letters, Vol. 25, No. 18, September 15, 2000, pp. 1319-1321.  |                |
|  |                      | DING-WEI HUANG et al., "Reflectivity-Tunable Fiber Bragg Grating Reflectors", 2000 IEEE, IEEE Photonics Technology Letters, Vol. 12, No. 2, February 2000, pp. 176-178.  |                |
|  |                      | W.F. LIU et al., "100% Efficient Narrow-Band Acoustooptic Tunable Reflector Using Fiber Bragg Grating", 1998 IEEE, Journal of Lightwave Technology, Vol. 16, No. 11, November 1998, pp. 2006-2009.   |                |
|  |                      | W.F. LIU et al., "Acousto-optic superlattice modulator using a fiber Bragg grating", 1997 Optical Society of America, Optics Letters, Vol. 22, No. 19, October 1, 1997, pp. 1515-1517.   |                |
|  |                      | SEOK HYUN YUN et al., "All-fiber tunable filter and laser based on two-mode fiber", 1996 Optical Society of America, Optics Letters, Vol. 21, No. 1, January 1, 1996, pp. 27-29.   |                |
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